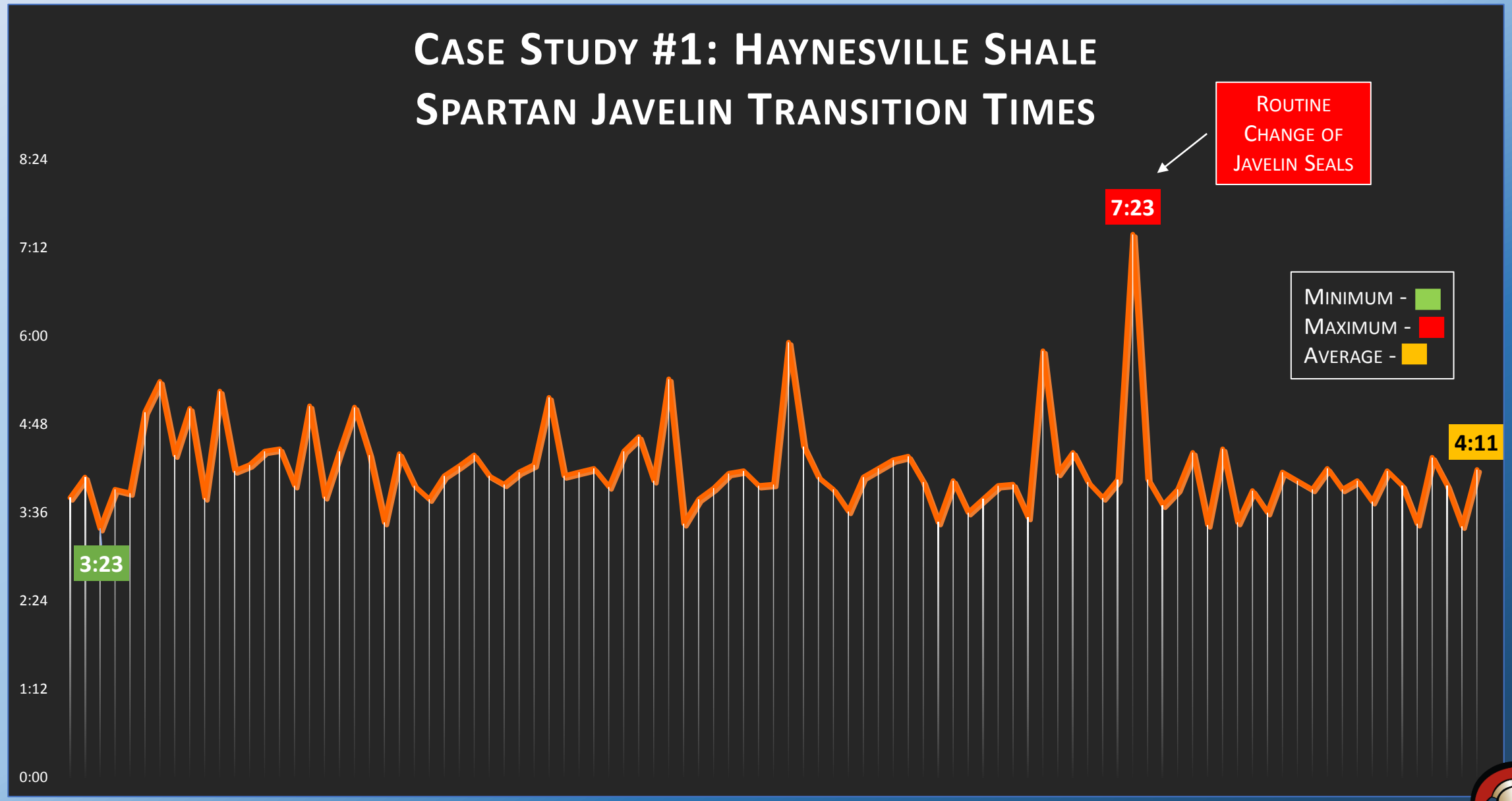
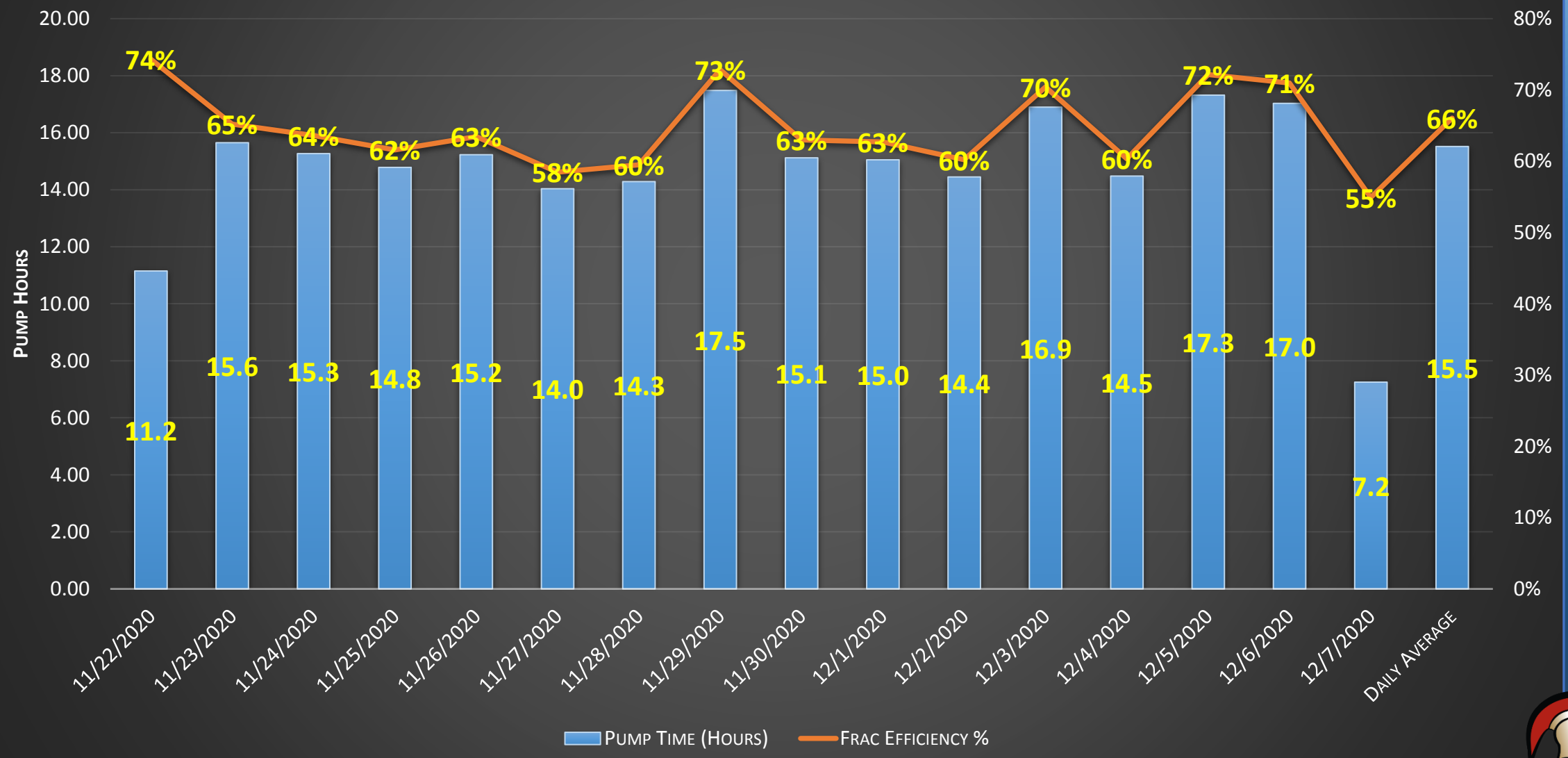
Spartan Javelin with FracLock Wellhead Connections:

Case Study #1: Haynesville Shale Post Job Recap

Job Summary…

- Area of Operation: Haynesville Shale
- Number of Stages: 94
- Number of Wells: 2
- Total Sand Pumped: 52,665,000 lbs.
- Average Sand per Stage: 560,266 lbs.
- Sand Concentration per Stage: 3.3 PPG
- Total Pump Time: 227.4 Hours
- Average Pump Time per Stage: 2.4 Hours
- Average Javelin Transition Time: 4.2 Min.
- Average Pump Rate: 88.7 BPM
- Max Pump Rate: 97.2 BPM
- Average Treating Pressure: 11,504 PSI
- Max Treating Pressure: 12,685 PSI
- Average Horsepower: 25,003
- Max Horsepower: 29,173

Case Study #1: Haynesville Shale
Spartan Javelin Transition Times



Case Study #1: Haynesville Shale
Frac Efficiency